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## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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SECURITY INFORMATION

COUNTRY East Germany REPORT NO.   25X1  
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1. During May 1953, Schwermaschinenbau Karl Liebknecht (formerly Buckau-Wolf), Magdeburg, delivered two 300 hp diesel engines to a yard in Steptin. During the same period, six 20 hp. booster engines in aluminum housings for jet machines were delivered to the USSR. There was an order for the complete overhaul of a ship's diesel engine for a Soviet ship; the overhauled engine was loaded for Rostock on 26 May 1953. Three type 205D engines for the Seepolizei were produced. These are of the type of the former Junkers water-cooled aviation motor, delivering 800 hp. Three motor hoists were produced as reparations goods, but were sent to the Neptun Yard, Rostock. The order for 120 hp. Diesels was extended; about 25 of them a month are being produced. For the time being, materials shortages are not serious, although there is a bottleneck in Babbitt metal and some difficulties about steel for crankshafts.
2. At the VEB Wetzel Gear Factory of Leipzig there were produced, in May 1953, 86 heavy gears with about 120 teeth to the largest wheel. About 20 special reversing gears were delivered to a machine factory in Bad Salzungen. About 100 light auto gears with intermediate gearing for cross-country travel were sent to Eisenach. During April and May 1953, the factory sent about 120 gears and differentials for three-axle trucks to Phaenomen in Zittau.
3. Production at Sachsenwerk Radeberg continued without change, except for the addition of Stuttgart apparatus which is being built in connection with the FT3 auxiliary apparatus. The apparatus has a wireless telegraph and telephone section. The telephone section has a frequency of 100 mcs. These instruments are mostly intended for command posts. They are being constructed for the Red Army and are built into Studebakers at the factory. Carrier frequency beams have been produced, for the USSR only, for some time. Several 100-watt and two 800-watt transmitters were produced on order for the Seepolizei. Materials come from Hescho in Thuringia, Dralowit in Berlin, RFT Koeppenick and RFT Kahla, as well as AEG and Siemens, which deliver through Sweden and Switzerland. Radio production has not changed. At present a new apparatus is under development, which is portable and protected against tropical conditions. TV receivers are all delivered to the USSR. More of the Leningrad T2 apparatus are being built.

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Tubes still come from the HF Factory Oberschoeneweide RFT; Funkwerk Erfurt has not completed the development of its own equipment and is delivering only tubes for oscillographs. Cabinets for TV come from the Heinz Berg firm. Four super-sonic iconoscopes were produced for the Materials Testing Administration in Leipzig. There is an order for a radio telescope to be produced in collaboration with RFT Erfurt. In the motor section, high-speed motors of 3,000 revolutions and a performance of 5 kw were built. Four waterproofed motors were built in May.

4. At the RFT Stoetteritz, Leipzig,<sup>2</sup> there were produced during May 1953, 150 pack radios, which were taken over by the Volkspolizei. Several pieces of apparatus for training were sent to the communications school at Pirna. Among the orders to be produced soon are rotary selectors for telephone purposes. Field telephone apparatus has been withdrawn from production, since the plastic gears proved very fragile. A new type of casting is being tried.

25X1 1.  Comment: Probably the following firms are meant:

Hescho-Kahla Keramisches Werk, Hermsdorf, Thuringia  
 Dralowidwerk Teltow, Potsdamerstrasse 117-119  
 RFT Funkwerk Koenig  
 RFT Kahla - possibly RFT Funkwerk Koellada  
 AEG 's main office in West Berlin is in Grunewald, Hohenzollerndamm 150  
 Siemens & Halske AG u. Siemens-Schuckertwerke AG, Berlin SW 11,  
 Schoeneberger Strasse 2-4 (West Berlin)

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